



Cyclades[®] PM

Intelligent Power Distribution Unit

Integrated Remote Power
Management and Distribution

Cyclades PM

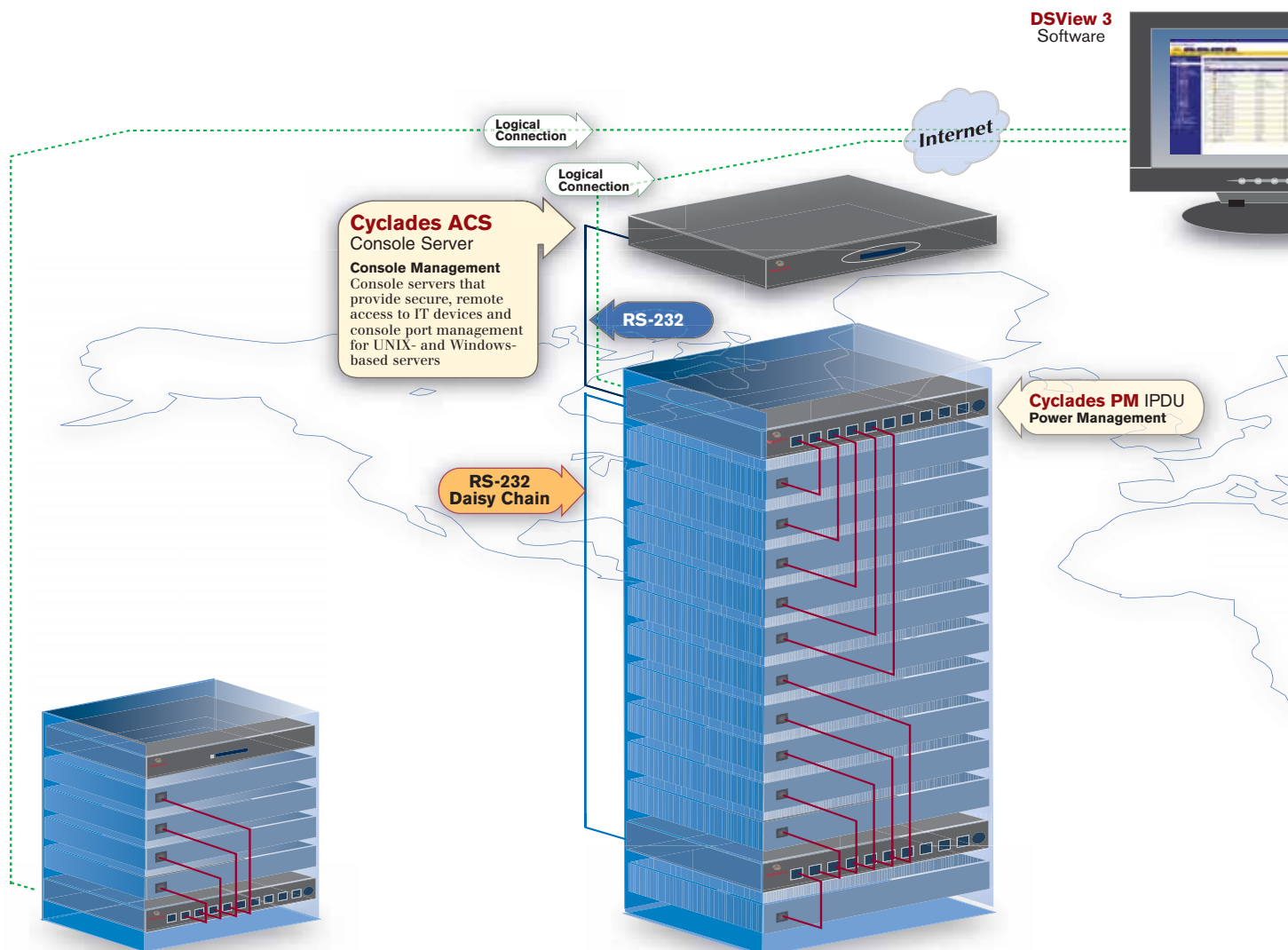
Intelligent Power Distribution Unit

Challenge

In today's information age, keeping IT infrastructures fully operational while supporting business goals has never been more important. With the IT infrastructure evolving to include geographically dispersed data centres comprised of hundreds or thousands of IT assets, the cost of maintaining these assets can become overwhelming. To reduce operational costs and ensure round-the-clock service availability, you need effective and reliable out-of-band management to securely access, diagnose and restore disconnected or failed IT assets quickly.

Avocent Solution

Business stops when the IT production network is down or an IT asset is not responding. In-band management tools alone cannot correct the problem. Administrators often need out-of-band management tools to troubleshoot and restore IT assets across the enterprise, whether these assets are close at hand or remote. Out-of-band management tools by Avocent include Cyclades® PM intelligent power distribution units (IPDUs), DSR® switch appliances, Cyclades ACS advanced console servers and Cyclades OnBoard service processor manager, all controlled by DSView® 3 management software. The Avocent solution integrates these products into a comprehensive, remote management system with enterprise-class security and a single, consolidated user interface.



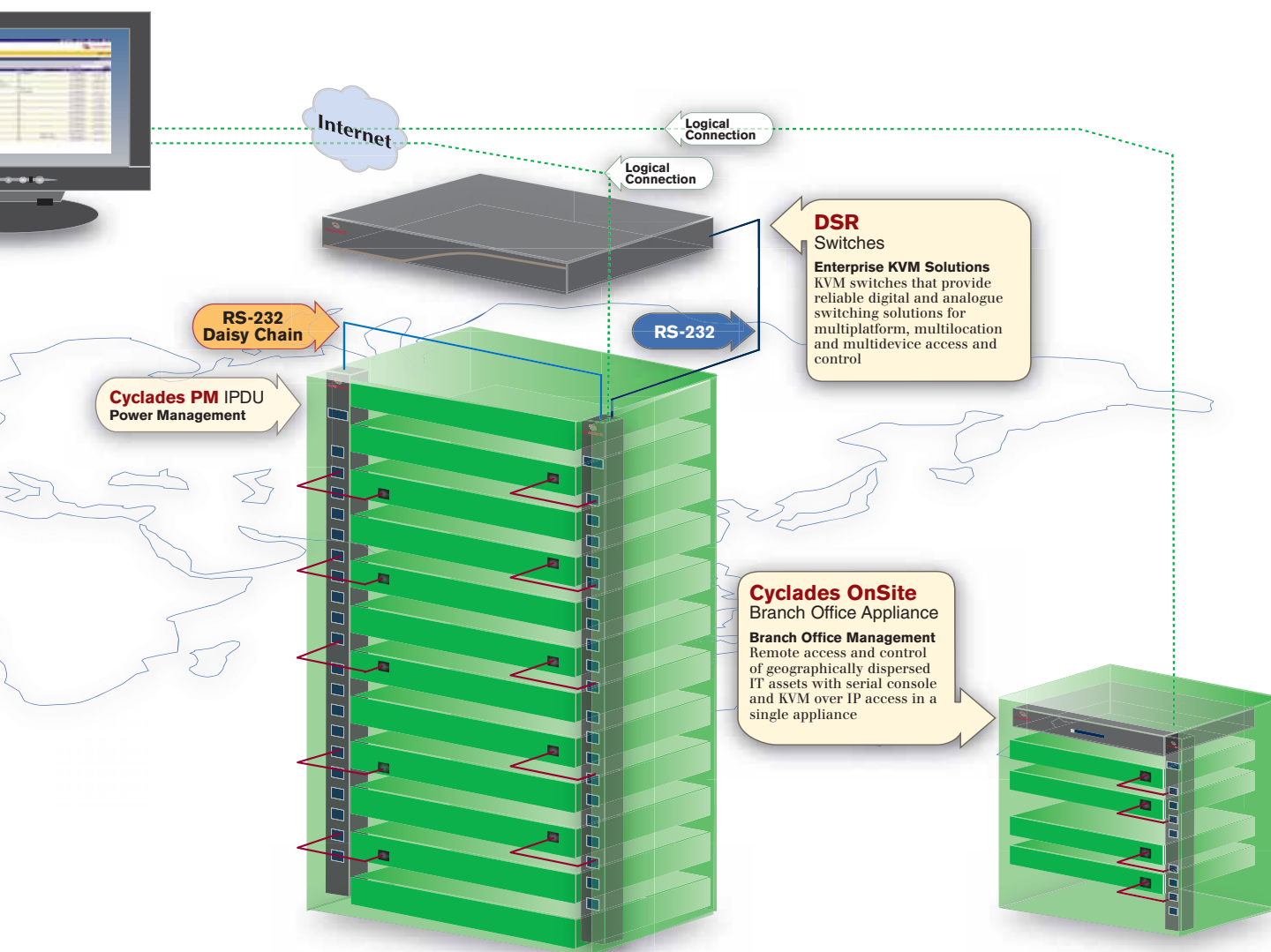
Fully integrated, error-free power distribution

Decrease IT Operational Costs and Increase IT Productivity

Effective out-of-band management reduces IT operational costs and risks while increasing IT asset and personnel productivity. Out-of-band management tools by Avocent enable administrators to access and troubleshoot IT assets even if the production network is down. Access is available through a variety of methods (LANs, WANs, cell phones – GSM or CDMA, Internet, PSTN), so that management is not limited by a single network or a single point of failure.

Cyclades PM IPDUs

Cyclades PM IPDUs work in conjunction with Cyclades ACS advanced console servers, DSR switches and DSView 3 management software to provide secure, reliable power management and fast problem resolution. IT professionals can switch power off and on, restarting devices through console management sessions, for example, from any location via Telnet, Secure Shell (SSHv2, SNMP) or a secure Web session.



and management from anywhere, anytime.

Secure, Reliable Control

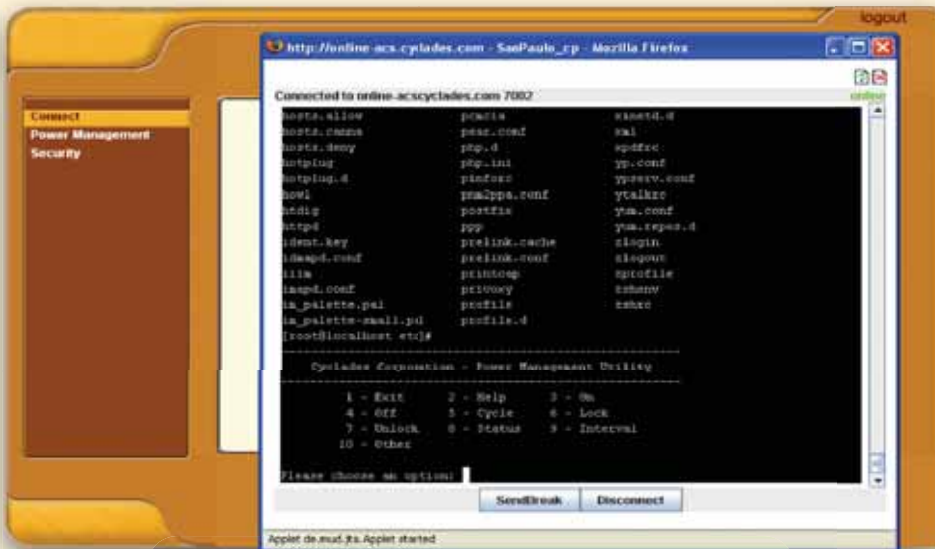
- Cyclades PM IPDUs inherit the security features of attached Cyclades ACS console servers, DSR switches or DSView 3 management software
- Administrators may grant access rights on a per-outlet basis
- Linking one or more device outlets to a single console or KVM port minimises costly power control errors
- Control power “in line” through a user-defined “hot key,” or an intuitive Web-based GUI

Benefits

- Leverage server-based authentication and authorisation with local fallback
- Virtually eliminate power control errors during crisis situations
- Improve administrative efficiency with integrated control functions
- Reduce risk, improve MTTR



Cyclades PM



Connect

“On demand” power management
from a console or KVM session
through a user-defined “hot key”



Com

Intelligent, flexible out of the box
with built-in safeguards
graphical interface



Real-Time Current Monitoring



Individual Outlet Control

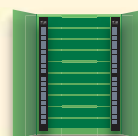


Modular Inputs
available on most models



Vertical Models

of up to 20 outlets



Internal Te
Sen



IPDU Features



Control

Outlet management
cards and a simple
interface

Manage

Proactively manage problems
with real-time monitoring
and event notification



Temperature Sensor



Horizontal Models of up to 10 outlets



IEC outlet models



NEMA outlet models



Daisy Chains of up to 128 outlets



Centralised Administration, Seamless Integration

- View consolidation and control of all IT assets from a single Web-based interface using DSView 3 software
- Integrated event logging and notification
- Centralised, real-time monitoring of current load and ambient temperature
- Automatic control-level daisy chaining for up to 128 outlets

Benefits

- Enterprise-level scalability with centralised management for security, administration, maintenance and upgrades
- Simplified installation and administration
- Proactive identification and management of problems
- Conservation of valuable console and switch ports



Avocent International Ltd
Building A
Trinity Court
Wokingham Road
Bracknell
Berks RG421PL
UK
Tel: +44(0) 1344668 049
Fax: +44(0) 1344668 149
www.avocent.co.uk

Avocent International Ltd
Avocent House
Shannon Free Zone
Shannon, Co. Clare
Ireland
Tel: +353 (0) 61471877
Fax: +353 (0) 61471871
www.avocent-europe.com

Avocent International -
Cyclades Spain
C/ Pena Gorbea 2, 40
28053 Madrid
Espana
Tel: +34 (0) 91-478 6970
Tel: +34 (0) 91-478 2956

Avocent International Ltd
Rennweg 33
85435 Erding
Germany
Tel: +49 (0) 8122 90999-99
Fax: +49 (0) 8122 90999-33
www.avocent.de

Avocent International Ltd
Les collines de l'Arche
76 route de la demi-lune
Opéra E
92057 Paris La Défense Cedex
France
Tel: +33 (0) 149 03 42 42
Fax: +33 (0) 149 03 01 42
www.avocent.fr

Avocent International Ltd
via Novara 31
20147 Milano
Italia
Phone: +39 02 4079884
Fax: +39 02 48759763
www.avocent.it

Avocent International Ltd
Regus Business Centre,
Smolensky Passage
Smolenskaya Square 3
Moscow 121099
Russia
Tel: +7(095) 9378429
Fax: +7(095) 9378290
www.avocent.ru

Avocent International Ltd
Schillingweg 79
2153 PL Nieuw Vennep
The Netherlands
Tel: +31 (0)252688580
Fax: +31 (0)252688835
www.avocent.nl

Avocent International Ltd
Propellervägen 4A
S-183 62 Täby
Sweden
Tel: +46 8 505 571 55
Fax: +46 8 505 571 01
www.avocent.se

Avocent International Ltd
Pegasus Park
Pegasuslaan 5
1831 Diegem
Brussels, Belgium
Tel: +322709 2929
Fax: +322709 2222
www.avocent.be



Corporate Headquarters
4991 Corporate Drive, Huntsville, AL 35805
TEL 866.286.2368 FAX 256.430.4030
www.avocent.com

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